

5 ABSTRACT

A freezeless wall hydrant has a normally horizontal fluid inlet tube with an interior end and exterior end. A hollow valve fitting is rigidly secured to the interior end of the inlet tube for a connection to a source of pressurized fluid. A movable ball is located with a fluid conduit that extends from the interior of the inlet tube to the location of the potable water source. When the water pressure inside the inlet tube increases because of the presence of ice, the high pressure of such water moves the ball to open fluid flow of the high pressure fluid to the source of potable water which will be at a lower pressure, thus reducing the fluid pressure within the inlet tube and saving it from rupture.